

## MINI MERCURE RGB

Direct view linear color changin LED inground luminaire

**Concept:** Direct view linear inground luminaire with color changing LEDs.

**Housing:** Black anodized die-cast aluminium body.

**Materials:** Antislip white silk-screen tempered glass, sealed to the fixture body for flush recessed mounting. <sup>A</sup>Body completed with marine grade cathaphoresis painting treatment suitable for use in marine grade environments.

**Source:** Linear LED board.

**Mounting:** Suitable for inline installation configuration. To be installed with aluminium insertion box for horizontal mounting, to be ordered separately.

**Installation:** Pre-cabled with 10' Belden direct burial 18ga 6 Conductor Cable with IP68 Quick disconnects. See inline connection configuration page for installation detail.

**Power Supply:** Remote Class 2, 110V-277VAC to 24V DC electronic power supply, see remote power supply pages.

**Wattage:** 9W

**Color Temperature:** RGB

**Delivered Lumens:** RGB Full Color  
82Lm

**Lumen Maintenance (L70):** 50,000hrs

*Calculation for LED fixtures are based on measurements that comply with IES LM-80.*

**Voltage:** 24V DC

**IP Rating:** IP67

**IK Rating:** IK09

**Load Rating:** Resistant to static loads up to 2,697lbs and dynamic loads up to 4,496lbs in flush mounted cement and pavement installations.

**Certifications:** cULus Class 2 Wet Location Listed E479873

Tested in accordance with LM-79-08

Energy efficient for California installations.

**Warranty:** 5 year limited warranty

<sup>A</sup>Not to be in direct contact with salt for extended periods of time or used with corrosive agents.



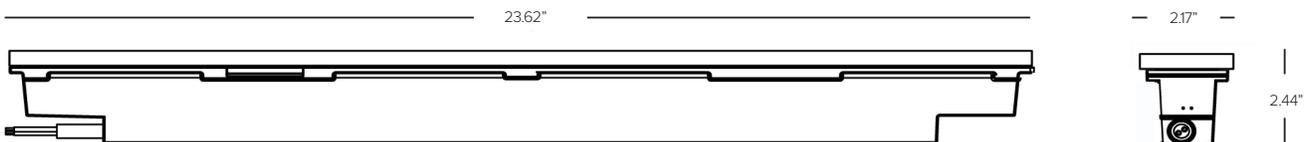
PRODUCT CODE	DRIVER	OUTPUT	COLOR	CABLE CONFIG.	+	INSERTION SLEEVE	+	POWER SUPPLY
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**MM** — Mini MERCURE    **RP** — Remote Power    **09** — 9W    **RGB** — Red 625nm / Green 520nm / Blue 450nm

**L** — Lead  
**C** — Center  
**E** — End  
**S** — Solo

See Page 2 for inline cable configurations

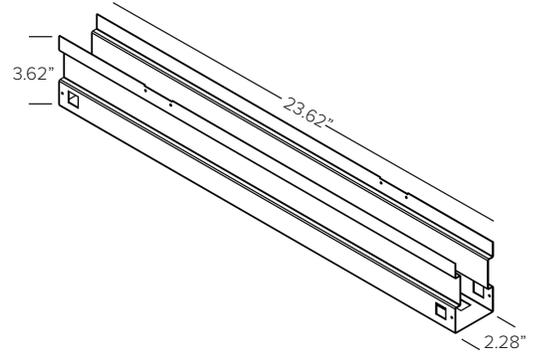
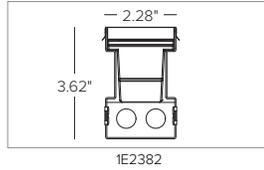
### Views



# TARGETTI

## MERCURE MINI RGB

INSTALLATION (REQUIRED)	
<b>1E2382</b>	Vertical aluminium insertion boxes with pre-set with removable end caps for installations in continuous rows. Complete with internal supports for installations in concrete. Dimensions 23 <sup>1</sup> / <sub>16</sub> "L x 2 <sup>1</sup> / <sub>4</sub> "W x 3 <sup>5</sup> / <sub>16</sub> "H.



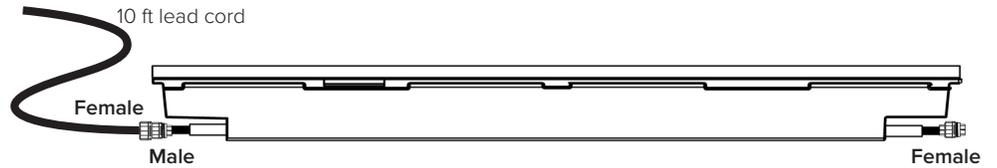
INSTALLATION ACCESSORIES:	
<b>1E0388</b>	Glass suction removal tool. Helpful one per 20 fixtures.



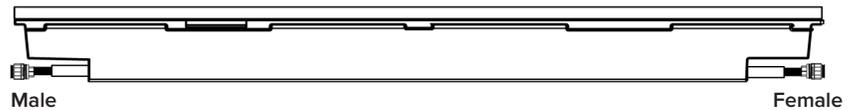
CONNECTION CABLES	
<b>MMRGGLEAD-xx</b>	IP68 Additional lead cable, direct burial fixture cable with IP68 female 6 socket connector. Additional lead cables sold in 2 foot increments, from 12 foot ( <b>MMRGGLEAD-12</b> ) to 80 foot ( <b>MMRGGLEAD-80</b> ).
<b>MMRGBJUMP-xx</b>	IP68 Connector cord, 2ft direct burial cable for fixture to fixture connection with IP68 male 6 socket connector and IP68 female 6-pin connector. Connector cords sold in 2 foot increments, from 2 foot ( <b>MMRGBJUMP-02</b> ) to 20 foot ( <b>MMRGBJUMP-20</b> ).

### Cable Connection Configuration

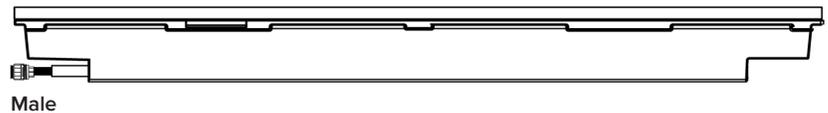
**Fixture code: L**  
Lead Fixture  
Includes 10ft power lead with female IP68 connection.



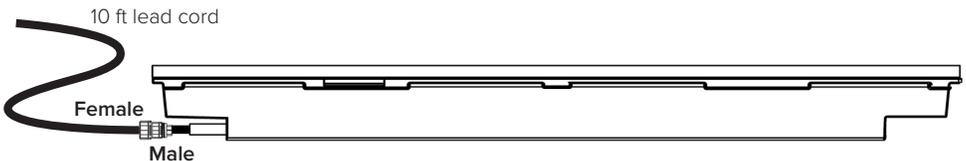
**Fixture code: C**  
Center Fixture



**Fixture code: E**  
End Fixture



**Fixture code: S**  
Solo Fixture  
Includes 10ft power lead with female IP68 connection

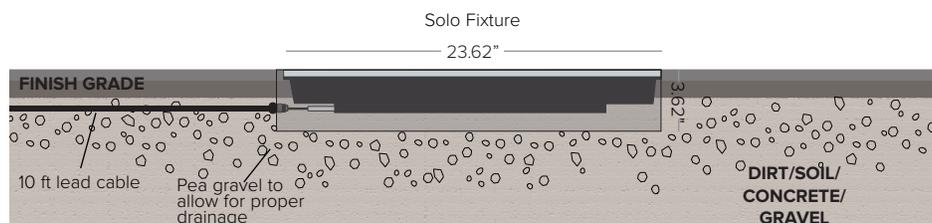


9W, 24V DC

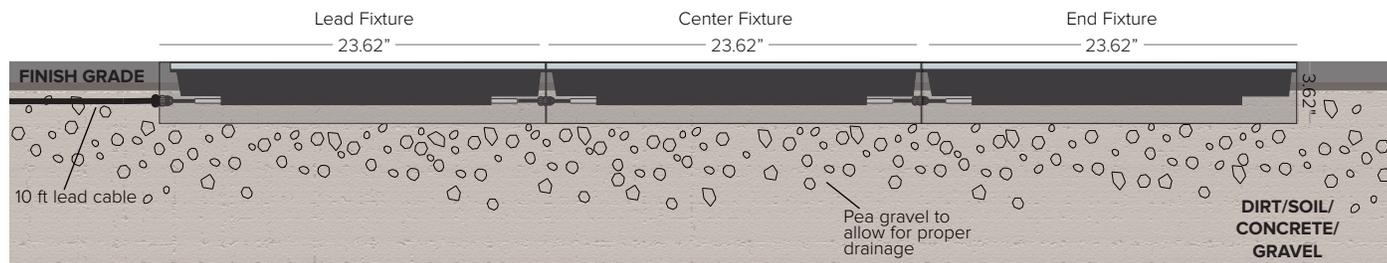
A maximum of 8 fixtures can be attached together on a single Class 2, 4 amp circuit output.  
See page 4 for maximum fixtures per driver.

### Installation Diagrams

#### Solo Fixture In-Ground Mounting



#### Continuous Row In-Ground Mounting



# TARGETTI

## MERCURE MINI RGB

Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
<b>DEDDX1001243CDMX</b>	ELECTRONIC ADDRESSABLE DMX DRIVER	100W	120-277V / 24V	DMX DIMMING	NEMA3R ENCLOSURE	UL CLASS 2	12" x 12" x 4" <sup>1</sup>
<b>DEDDX2002243CDMX</b>	ELECTRONIC ADDRESSABLE DMX DRIVER	2X100W	120-277V / 24V	DMX DIMMING	NEMA3R ENCLOSURE	UL CLASS 2	12" x 12" x 4" <sup>1</sup>

<sup>1</sup> Dimensions include enclosure with mounting bracket.

\* Constant voltage drivers 50/60HZ, voltage regulated with short circuit protection. Operating temperature -40 C- 80° C

\* Installation of power supply must be compliant to Class 2 installation standards. Refer to NEC and local building code requirements.

\* Consult factory for additional driver options (ie: DMX, DALI, wattage, size, shape, Lutron, ELDO, or others).

### Max Fixtures Per Driver

Fixture Wattage	Driver Wattage							
	30W	60W	96W	90W	2X90W	3X90W	100W	2X100
9W	2	5	8	8	16	24	8	16

Controller (Optional)	Type	Application	Voltage	Listing	Dimensions	# Ouput Channels	Number of Zones	Number of Scenes
<b>SWITCH20</b>	RGBW Touch DMX512 Wall Control Panel with Sensitive Glass Touch Panel, White Finish	Indoor Only	12-24V DC	UL	4.73"H x 2.95"W x 1.15"D	12	3	1
<b>TGDMXSLES AU9</b>	Stand-alone DMX 1/2 Universe Programmable Controller with Easy to Use Software Interface	Indoor Only	5.5V/DC	ETL, UL	5.3"W x 5.5"H x 1.9D	256	1	20



SWITCH20



TGDMXSLES AU9

### Photometry

		H(m)	D1(m)	D2(m)	E <sub>max</sub> (lx)	
			117°	129°		
Fixture Power	9W	1	3.27	4.16	25	
Source Flux	83lm	2	6.55	8.31	6	
Fixture Flux	82lm	3	9.82	12.47	3	
Efficacy	10lm/W	4	13.09	16.63	2	
TS775	I <sub>max</sub> =302cd/klm	I <sub>max</sub>	25cd	16.37	20.79	1